

Rec'd PCT/PTO 18 OCT 2005

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Express Mail Label No. \_\_\_\_\_

Dated: \_\_\_\_\_

Docket No.: 01641/000L589-US0  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Russell Hudyma et al.

Application No.: 10/521,504

Group Art Unit: N/A

Filed: January 11, 2005

Examiner: Not Yet Assigned

For: CATADIOPTRIC MULTI-MIRROR OPTICAL  
SYSTEMS FOR PROJECTION  
LITHOGRAPHY

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office for the above-noted application, please note that on July 28, 2005 Applicants submitted to the USPTO a Second Submission of the signed Declaration/Power of Attorney and necessary fees to complete the requirements for acceptance under 35 U.S.C. 371.

Please find enclosed a copy of the following items as previously submitted:

- A certificate of express mail addressed to MS PCT, dated July 28, 2005 ✓
- A return receipt stamped by the PCT/PTO, dated July 28, 2005
- A transmittal letter to the US Designated-Elected Office (2 pages)
- An executed oath or declaration of the inventors (8 pages)
- A Notification of Missing Requirements, dated September 26, 2005

Applicants respectfully submit these items and contend that we are in compliance with 37 CFR 1.497(a) and (b). We further respectfully request Acceptance of this application as of July 28, 2005.

Rec'd PTO 18 OCT 2005


Application No.: 10/521,504

2

Docket No.: 01641/000L589-US0

Dated: October 18, 2005

Sincerely,

By  *Edmund Baerista*  
(53,970)

Edward J. Ellis

Registration No.: 40,389

DARBY & DARBY P.C.

P.O. Box 5257

New York, New York 10150-5257

(212) 527-7700

Attorneys/Agents For Applicant

Rec'd PCT 18 OCT 2005

Application No. (if known): 10/521,504

Attorney Docket No.: 01641/000L589-US0

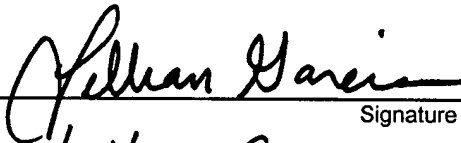
## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. \_\_\_\_\_ in an envelope addressed to:

**EV418271968-US**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on July 28, 2005  
Date

  
\_\_\_\_\_  
Signature

Lillian Garcia

Typed or printed name of person signing Certificate

\_\_\_\_\_  
Registration Number, if applicable

\_\_\_\_\_  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Oath or declaration of the inventor(s) (8 pages)

Transmittal Letter to the US Designated-Elected Office (2 pages)

Return Receipt Postcard

Check No. 9298 in the amount of \$1,980.00

Rec'd PCT/NO 18 OCT 2005

Application No. (if known): 10/521,504

Attorney Docket No.: 01641/000L589-US0

## Certificate of Express Mailing Under 37 CFR 1.10

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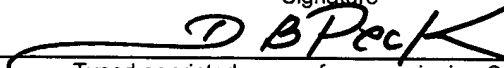
**EV692131947-US**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on October 18, 2005  
Date



Signature



Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Response to Notification of Missing Requirements Under 35 U.S.C. 371 (2 pages)

Copy of Certificate of Express Mail, dated July 28, 2005

Copy of Return Receipt Postcard, date stamped July 28, 2005 by the USPTO

Copy of Transmittal Letter to the US Designated-Elected Office (2 pages)

Copy of executed oath or declaration of the inventors (8 pages)

Copy of Notification of Missing Requirements Under 35 U.S.C. 371 (2 pages)

Return receipt postcard

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**Atty Docket No.: 01641/000L589-US0**

**Inventor:** Russell Hudyma et al.

**Appln: 10/521,504**

**Filed: Jan. 11, 2005**

**Title:** **CATADIOPTRIC MULTI-MIRROR OPTICAL SYSTEMS FOR PROJECTION LITHOGRAPHY**

## Documents

**Documents**

~~X~~ Oath or declaration of the inventor(s) (8 pages)

~~Transmittal Letter to the US Designated-Elected Office (2 pages)~~

**Certificate of Express Mailing (1 page)**

Check in the amount of \$1,980.00 9298

Via Express Mail: Airbill No. **5418271968-45**

Sender Initials: FB/mrc Date: July 28, 2005

JC10 Rec'd PCT/PTO 28 JUL 2005

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 01641/000L589-US0
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/521,504
INTERNATIONAL APPLICATION NO. PCT/US02/22766	INTERNATIONAL FILING DATE 17 July 2002	PRIORITY DATE CLAIMED
TITLE OF INVENTION CATADIOPTRIC MULTI-MIRROR OPTICAL SYSTEMS FOR PROJECTION LITHOGRAPHY		
APPLICANT(S) FOR DO/EO/US Russell Hudyma et al.		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☐ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☐ is attached hereto (required only if not communicated by the International Bureau).
  - ☐ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - ☐ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment.
- ☐ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Return Receipt Postcard

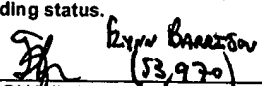
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PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/521,504</b>		INTERNATIONAL APPLICATION NO. <b>PCT/US02/22766</b>		ATTORNEY'S DOCKET NUMBER <b>01641/000L589-US0</b>	
The following fees have been submitted				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21. <input type="checkbox"/> Basic national fee ..... \$300				\$	
22. <input checked="" type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$100					
All other situations ..... \$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100					
International Search Report prepared and provided to the Office ..... \$400					
All other situations ..... \$500				\$ 400.00	
<b>TOTAL OF 21, 22 and 23 =</b>				\$ 600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$ 130.00	
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>		
Total claims	33 - 20 =	13	x 50.00	\$ 650.00	
Independent claims	6 - 3 =	3	x 200.00	\$ 600.00	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,980.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$ 1,980.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+	\$
<b>TOTAL NATIONAL FEE =</b>				\$ 1,980.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,980.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,980.00</u> to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-0100</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Melvin C. Garner DARBY & DARBY P.C. P.O. Box 5257 New York, New York 10150-5257 (212) 527-7717 CUSTOMER NUMBER: 07278			 SIGNATURE: _____ Melvin C. Garner NAME _____ 26,272 REGISTRATION NUMBER		



## UNITED STATES PATENT AND TRADEMARK OFFICE

*Mary R. Charles*

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/521,504	Russell Hudyma	01641/000L589-USO

INTERNATIONAL APPLICATION NO.	
PCT/US02/22766	
I.A. FILING DATE	PRIORITY DATE
07/17/2002	

07278

DARBY &amp; DARBY P.C.

P. O. BOX 5257

NEW YORK, NY 10150-5257

DUE: *November 26, 2005*Docketed on *10/5* by *DP* forDocketed without file ☐

Attorney \_\_\_\_\_

CONFIRMATION NO. 1988

371 FORMALITIES LETTER

\*OC000000016832977\*

\*OC000000016832977\*

Date Mailed: 09/26/2005

*4-26-06*

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/11/2005
- Copy of the International Search Report filed on 01/11/2005
- Preliminary Amendments filed on 01/11/2005
- Information Disclosure Statements filed on 01/11/2005
- U.S. Basic National Fees filed on 01/11/2005
- Specification filed on 01/11/2005
- Claims filed on 01/11/2005
- Abstracts filed on 01/11/2005
- Drawings filed on 01/11/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)



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Page 2 of 2

A copy of this notice **MUST** be returned with the response.

KAREN R MCLEAN

Telephone: (703) 308-9140 EXT 214

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/521,504	PCT/US02/22766	01641/000L589-USO

FORM PCT/DO/EO/905 (371 Formalities Notice)